



## Express Mail No. EV577672284US

INFORMATION	Attorney Docket	GRUE-004	
DISCLOSURE STATEMENT	First Named Inventor	SUTTER, GERD	
	Application Number	10/532,067	
	Confirmation No.	To Be Assigned	
Address to:	International Filing Date	September 26, 2003	
Commissioner for Patents	Group Art Unit	To Be Assigned	
P.O. Box 1450	Examiner Name	To Be Assigned	
Alexandria, VA 22313-1450	Title: "RECOMBINANT MVA STRAINS AS POTENT VACCINES AGAINST P. FALCIPARUM MALARIA"		

Sir:

This is an Information Disclosure Statement submitted for the Examiner's consideration. A Form PTO-SB/08A listing the references and copies of the cited references accompany this paper. Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record.

This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one of the above references constitutes prior art to the present application within the meaning of 35 U.S.C.§102.

As applicants have not yet received a first Action on the merits, no fee is believed to be required for filing this Disclosure Statement. If, however, the PTO finds that for some reason a fee is due, our Deposit Account No. 50-0815, Order No. GRUE-004 may be charged thereon.

Respectfully submitted, BOZICEVIC, FIELD & FRANCIS LLP

Date:

May 9, 2005

Pa

By:

Paula A. Borden (Registration No. 42,344

BOZICEVIC, FIELD & FRANCIS LLP 1900 University Avenue, Suite 200 East Palo Alto, California 94303

Telephone: (650) 327-3400 Facsimile: (650) 327-3231

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Substitute for form 1449A/PTO

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number 10/532,067
Filing Date April 19, 2005
First Named Inventor Sutter
Art Unit To Be Assigned
Examiner Name To Be Assigned

(usa as many shoots as norossary) Sheet of 2 **Attorney Docket Number** GRUE-004 1 **U.S. PATENT DOCUMENTS** Examiner Cite Document Number **Publication Date** Name of Patentee or Pages, Columns, Lines, Where MM-DD-YYYY Applicant of Cited Document Relevant Passages or Relevant No. Initials' Number-Kind Code<sup>2</sup> (if known) Figures Appear US-6.214.353 04-10-2001 **Pasteur Marieux Serums** et Vaccins and The University of Hawaii 05-05-2005 US- 2005/0095256 Hermann Bujard US-USus-US-US-US-US-

FOREIGN PATENT DOCUMENTS						
Examiner Initials'	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		WO 02/24224	03-28-2002	Oxxon Pharmaccines Limited		
		DE 196 40 817 A	05-14-1998	Hermann Bujard Prof Dr		<b>✓</b>

Examiner		Date	
Signature		Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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Substitute for form 1449B/PTO		Complete if Known			
		Application Number	10/532,067		
INFORMATION DISCLOSURE			URF	Filing Date	April 19, 2005
STATEMENT BY APPLICANT		First Named Inventor	Sutter		
(use as many sheets as necessary)				Art Unit	To Be Assigned
			ry)	Examiner Name	To Be Assigned
Sheet	2	of	2	Attorney Docket Number	GRUE-004

		NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
		SHUTUNG Y., et al. "Addition of the MSA1 signal and anchor sequences to the malaria merozoite surface antigen 1 C0terminal region enhances immunogenicity when expressed by recombinant vaccinia virus" Vaccine, Butterworth Scientific Guilford, GB, Bd. 15, Nr. 12-13, 1 August 1997, Seiten 1303-1313			
		SCHNEIDER J. et al., "Enhanced Immunogenicity for CD8+ T cell induction and complte protective efficacy of malaria DNA vaccination by boosting with modified vaccinia virus ankara" Nature Medicine, Nature Publishing Co. Bd. 4, NR4, April 1998, 397-402			
		OBER B et al., "Immunogenicity and safety of defective vaccinia virus Lister: Comparison with modified vaccinia virus Ankara" Journal of Virology, Bd. 76, Nr. 15, August 2002, Seiten, 7713-7723			
		GOOD M.F., et al. "Immune efector mechanisms in malaria" Current Opinion in Immunology, Current Biology Ltd., XX, Bd. 11, Nr. 4, August 1999, Seiten 412-419			
		RAMSHAW, I.A. et al. "The prime-boot strategy: exciting prospects for improved vaccination" Immunology Today, Elsevier Publications, Cambridge, GB, Bd. 21, Nr. 4, April 2000, Seiten 163-165			
Examiner Signature		Date Considered			

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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